INTERNATIONAL SEARCH REPORT

International Application No PCT/IT 03/00813

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01L51/20 H01L H01L51/40 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, INSPEC, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ° Relevant to claim No. X EP 0 278 757 A (EASTMAN KODAK CO) 1,8, 16-19 17 August 1988 (1988-08-17) example 1 X PATENT ABSTRACTS OF JAPAN 1,8-10 vol. 0071, no. 44 (E-183), 23 June 1983 (1983-06-23) & JP 58 056479 A (HOYA DENSHI:KK), 4 April 1983 (1983-04-04) abstract X US 5 929 561 A (ABIKO HIROSHI ET AL) 1,8,9, 27 July 1999 (1999-07-27) 16-19 figure 2 -/--X Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention 'E' earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docudocument referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 3 August 2004 01/09/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nt, Fax: (+31-70) 340-3016 Königstein, C

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IT 03/00813

	FC1/11 03/00813				
(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT ategory Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.					
orazion oi document, with indication, where appropriate, of the relevant passages	neisvan to Claim No.				
JUNG S ET AL: "Surface treatment effects of indium-tin oxide in organic light-emitting diodes" OPTICAL MATERIALS, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL, vol. 21, no. 1-3, January 2003 (2003-01), pages 235-241, XP004395428 ISSN: 0925-3467 the whole document	1,8, 16-19				
JIA-MING LIU ET AL: "Studies on modifications of ITO surfaces in OLED devices by Taguchi methods" MATERIALS SCIENCE & ENGINEERING B (SOLID-STATE MATERIALS FOR ADVANCED TECHNOLOGY), vol. B85, no. 2-3, 22 August 2001 (2001-08-22), pages 209-211, XP002290984 ELSEVIER, SWITZERLAND ISSN: 0921-5107 the whole document	1				
WO 01/45182 A (GUENTHER EWALD KARL MICHAEL; CHUA SOO JIN (SG); ZHU FURONG (SG); INFI) 21 June 2001 (2001-06-21) the whole document	8-13				
	JUNG S ET AL: "Surface treatment effects of indium—tin oxide in organic light—emitting diodes" OPTICAL MATERIALS, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL, vol. 21, no. 1—3, January 2003 (2003—01), pages 235—241, XP004395428 ISSN: 0925—3467 the whole document JIA—MING LIU ET AL: "Studies on modifications of ITO surfaces in OLED devices by Taguchi methods" MATERIALS SCIENCE & ENGINEERING B (SOLID—STATE MATERIALS FOR ADVANCED TECHNOLOGY), vol. B85, no. 2—3, 22 August 2001 (2001—08—22), pages 209—211, XP002290984 ELSEVIER, SWITZERLAND ISSN: 0921—5107 the whole document WO 01/45182 A (GUENTHER EWALD KARL MICHAEL; CHUA SOO JIN (SG); ZHU FURONG (SG); INFI) 21 June 2001 (2001—06—21)				

INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No
PCT/IT 03/00813

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0278757	Α .	17-08-1988	US	4885211 A	05-12-1989
			CA	1291551 C	29-10-1991
			DE	3856065 D1	18-12-1997
			DE	3856065 T2	10-06-1998
			EP	0278757 A2	17-08-1988
			JP	2015595 A	19-01-1990
			JP	2723242 B2	09-03-1998
JP 58056479	Α	04-04-1983	JP	1398626 C	07-09-1987
_			JP	62008038 B	20-02-1987
US 5929561	Α	27-07-1999	JP	9245965 A	19-09-1997
WO 0145182 A	Α	21-06-2001	WO	0145182 A1	21-06-2001
			AU	1904100 A	25-06-2001
			DE	19983995 T0	30-01-2003
			JP	2003517183 T	20-05-2003